

**Remarks**

Favorable reconsideration of this application, in view of the above amendments and in light of the following remarks and discussion, is respectfully requested.

Claims 1-7 and 9-15 are currently pending in the application; Claims 1-7 and 7-15 having been amended and Claim 8 having been canceled without prejudice or disclaimer, by way of the present response. Applicants respectfully assert that support for the non-narrowing amendments to the claims is self-evident from the originally filed disclosure, including the original claims, and that therefore no new matter has been added.

In the outstanding Office Action the drawings were objected to under 37 C.F.R. § 1.83(a); Applicants were reminded of the proper language and format for an abstract; the disclosure was objected to because of informalities; the specification was objected to as failing to provide proper antecedent basis for claimed subject matter; Claims 1-15 were rejected under 35 U.S.C. § 112, second paragraph; and Claims 1-15 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 4,466,298 to Tervamaki et al. (Tervamaki).

As stated above the drawings were objected to under 37 C.F.R. § 1.83(a) as not showing every feature of an invention specified in the claims. In response, Applicants have amended the claims to remove the recitations of “the calibration system . . . is connected to the fine adjustment retainer.” Thus, Applicants respectfully request that the objection to the drawings be withdrawn.

As stated above Applicants were reminded of the proper language and format for an abstract. In response, Applicants have amended the abstract to be in the proper format.

As stated above the disclosure was objected to because of informalities. In response, Applicants have amended the disclosure so as not to reference the claims; to state “preferably 3-5 mm/revolution” and “preferably 0.3-0.5 mm/revolution;” to state “range of adjustment”

in place of “adjustment margin,” and to state “a fine adjustment nut (such as a sleeve) 12.” Applicants have further amended the claims to remove the recitation of “drilling.” Thus, Applicants respectfully request that the objection to the disclosure be withdrawn.

As stated above the specification was objected to as failing to provide proper antecedent basis for claimed subject matter. In response, without conceding to the propriety of the objection, Applicants respectfully assert that the objection has been mooted by the amendment of the claims to remove the recitations of “an adjustable threaded retainer mechanism (5, 6, 8),” “a second adjustable threaded retainer mechanism (10, 12, 14)” and “the calibration system (10, 11).” Thus, Applicants respectfully request that the objection to the specification be withdrawn.

As stated above Claims 1-15 were rejected under 35 U.S.C. § 112, second paragraph. In response, Applicants have extensively amended the claims so as to be definite, and to particularly point out and distinctly claim subject matter that Applicants’ regard as an invention as well as have canceled Claim 8. Thus, Applicants respectfully request that the rejection of Claims 1-7 and 9-15 under 35 U.S.C. § 112, second paragraph, be withdrawn.

As stated above Claims 1-15 were rejected under 35 U.S.C. § 102(b) as being anticipated by Tervamaki. Applicants respectfully request that the rejection of the claims be withdrawn for the following reasons.

The present invention is directed to pipettes. Independent Claim 1 recites a housing defining a suction chamber. A piston is configured to move in the suction chamber. A calibration mechanism is configured to calibrate a movement of the piston in the housing. A first retainer mechanism includes a first threading configured to limit a motion of the piston in the suction chamber. A second retainer mechanism includes a second threading configured to limit the motion of the piston in the suction chamber. The second threading has a pitch less than a pitch of the first threading.

Tervamaki is directed to a thermal expansion resistant pipette. Applicants respectfully assert that Tervamaki does not teach, however, the claimed features of a calibration mechanism configured to calibrate a movement of a piston in a housing, a first retainer mechanism including a first threading configured to limit a motion of the piston in a suction chamber, and a second retainer mechanism including a second threading configured to limit the motion of the piston in the suction chamber, the second threading having a pitch less than a pitch of the first threading, as recited in independent Claim 1. Rather, Applicants respectfully assert that at most Tervamaki shows a calibration sleeve 9 including a calibration thread 8 and a press knob shaft 6 including an adjustment thread 21, but does not show or state a second retainer mechanism including a second threading, for example.

Specifically, independent Claim 1 recites “a calibration mechanism configured to calibrate a movement of the piston in the housing[,] . . . a first retainer mechanism comprising a first threading configured to limit a motion of the piston in the suction chamber . . . and a second retainer mechanism comprising a second threading configured to limit the motion of the piston in the suction chamber, the second threading having a pitch less than a pitch of the first threading.” Thus, Applicants respectfully request that the rejection of independent Claim 1 under 35 U.S.C. § 102(b) be withdrawn, and the allowance of independent Claim 1.

Applicants respectfully assert that Claims 2-7 and 9-15 are allowable for the same reasons as independent Claim 1 from which they depend, as well as for their own features. Thus, Applicants respectfully request that the rejection of remaining Claims 2-7 and 9-15 under 35 U.S.C. § 102(b) be withdrawn, and the allowance of dependent Claims 2-7 and 9-15.

Consequently, in view of the present amendment, no further issues are believed to be outstanding in the present application, and the present application is believed to be in

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condition for formal Allowance. A Notice of Allowance for Claims 1-7 and 9-15 is earnestly solicited.

Should the Examiner deem that any further action is necessary to place this application in even better form for allowance, the Examiner is encouraged to contact the undersigned representative at the below listed telephone number.

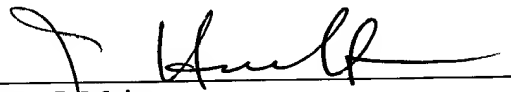
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Respectfully submitted,

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